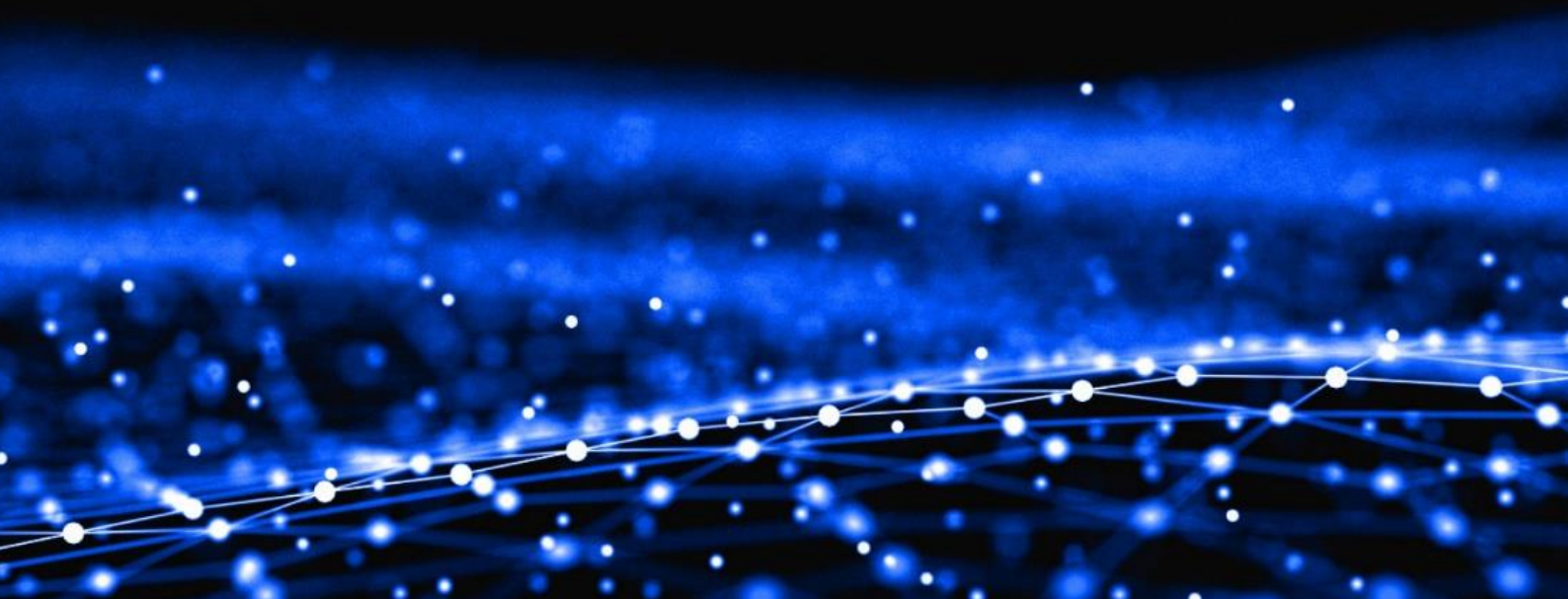


ADVANCED
INTEGRATED TECHNOLOGY
SOLUTIONS & SERVICES

Unmanned Aerial Systems (UAS)

ADDITNESS



UAS: Unmanned Aerial Systems

ADDITESS has developed during research and design phases a variety of UAV systems, a new concept in UAV market: designed from existing cots platforms or from ADDITESS design, in order to minimize the development cost. As it was derived from general aviation standards, it is optimized for reduced cost of operations. The Mini-UAV systems could also prepare for navigation in controlled civilian airspace and for compliance to certification requirements that will become applicable to all UAS addressing homeland security applications and flight operations in European sky. We already comply with ROC and future LUC/EASA regulations.

The UAV Platforms that are used by ADDITESS are developed by our in-house laboratory. The platforms are based on existing cots and they are enhanced with various payloads such as cameras (i.e. Daylight, IR), GPS modules, CBRN sensors as well as other software modules in order to fulfil every client's requirements individually.



Currently we are using and developing three types of UAV platforms

- Multirotor types / AP-M-1S800 and AP-M-1S1000
 - Helicopter type / AP-H-1BVT-CM100v2
 - Fixed-Wing type / AP-F-1M
- 'TILEMACHOS'



Indicative payload information:

- CM100v2: Gyro Stabilized Gimbal (Day – Thermal camera) by UAV Vision
- ChemPro DM: CBRN Detector Module by Envirionics
- Panasonic GH2 Camera for aerial photogrammetry
- GoPro Hero3

More information at <http://www.additess.com/main/products/>

More recently under the finance of Research & Innovation Foundation and the RESTART Complementary 2016-2020 programs, ADDITESS has developed a mobile C3 system in order to be used as a mobile command center for the R&D UAV systems.



ADDITESS

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